

PRIORITY

TOP SECRET

3 DEC 68 21 53Z

TOP SECRET 032141Z DEC 68 CITE [REDACTED] 5155

PRIORITY

ATTN [REDACTED]

ATTN [REDACTED]

REFERENCE: [REDACTED]

25X1

25X1

225X1

25X1

25X1

1. [REDACTED] REQUIRES A CONSIDERABLE AMOUNT OF DATA IN THE MCD TO PROPERLY EXPLOIT THE IMAGERY DERIVED FROM THE SYSTEM. THE PROPOSED MCD FORMAT HAS REDUNDANT INFORMATION AND SOME ITEMS THAT ARE NOT NECESSARY FOR THE EXPLOITATION PROCESS.

2. IT IS BELIEVED THAT ALL THE INFORMATION NECESSARY CAN BE PROVIDED ON A FRAME BASIS EXCEPT FOR THE MISSION CONSTANTS. EXPLOITATION WILL BE HANDLED ON A FRAME BASIS.

3. THE ATS INFORMATION IS ONLY VALUABLE WHEN REPORTING ACTIVITY; THEREFORE, THE ATS INFORMATION IS NOT REQUIRED EXCEPT THE COMMENTS.

4. THE TARGET INFORMATION IS REDUNDANT IN THE FRAME DATA, EXCEPT FOR WEATHER.

5. ALL SFR COULD BE HANDLED AS FRAMES WITH A FLAG SPECIFYING S.F.R.

6. SOME FRAME SPECIFIC DATA WAS INADVERTENTLY LEFT OUT. EULER ANGLES

DISTRIBUTION		
FILE	OFFICE	PI
1	CABLE SEC.	
	PP&RD	
	SECUR.	
3	TSSG	
	PSG/OC	
	RRD	
	REFRO	
	AID	25X1
	REG	
	PROD	
	SUEN	
	WEST	
	EAST	
	US	25X1
	PGM	
	IAS	
	DIA-XX4	
	SPAD	
	DIA-AP	
	CMX	25X1

PAGE 2 [REDACTED] 5155 TOP SECRET

BY AND BZ MISALIGNMENT ANGLES
MIRROR PITCH ANGLE, CENTER OF FORMAT
MIRROR PITCH RATE DURING EXPOSURE

7. ALL ANGLES SHOULD BE REPORTED IN ECI OR LOCAL VERTICAL AND SHOULD BE DESIGNATED AS TO WHICH SYSTEM THE ANGLE IS COMPUTED IN.

8. [REDACTED] HAS DEVISED A SAMPLE FORMAT IN WHICH A FRAME OF INFORMATION IS CONTAINED IN 6 LINES OF DATA. THIS IS MORE COMPATIBLE TO THE EXPLOITATION PROCESS THAN THE 20-30 LINES OF DATA IN THE SAMPLE FORMAT.

9. A FURTHER MEETING SHOULD BE ARRANGED TO IRON OUT DETAILS IN THIS SUBJECT.

10. THE MISSION CONSTANT INFORMATION REQUIRED IS AS FOLLOWS:

MISSION NUMBER

CONE ANGLE

CAMERA 1/2 ANGLE

FOCAL LENGTH

SHUTTER VELOCITY

A 20 PT EPHEMERIS FOR EACH REF OF OPERATION

CAMERA CONSTANTS FROM THE CALIBRATION REPORT

TOP SECRET

ADVANCE CY
SANITIZED
WITH TEXT

END OF MESSAGE

TOP SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification